

## High Compressive Strength Dense Zircon Furnace Refractory Bricks With Improved Product 50-200MPa

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Product Category: Zircon Refractory Bricks
- High Mechanical Strength: They Are Strong And Durable, Even At High Temperatures.
- Material: Silica, Alumina, Magnesia, Zirconia, Etc.
- Corrosion Resistance: High
- Improved Product Quality: Yes
- Flexural Strength:  $\geq 10\text{MPa}$
- Packing: Wooden Pallets Or Cartons
- Product Name: High Quality Assured Dense Zircon Bricks  
Furnace Refractory Bricks For Enhanced Performance In Glass Kilns



## Product Description

### Product Description:

One of the key features of these zircon refractory bricks is their excellent thermal shock resistance. They can withstand rapid changes in temperature without cracking or spalling, making them ideal for use in furnaces and kilns that are subject to frequent temperature fluctuations. This makes them a reliable choice for high-temperature applications, where other materials may fail.

These zircon bricks have a high refractoriness, which means they can withstand temperatures exceeding 2400°C (4352°F). This makes them ideal for use in applications where extreme temperatures are required, such as in metal refining, glass manufacturing, and ceramics production. Their high refractoriness ensures that they can withstand the extreme temperatures without cracking or failing, ensuring a reliable and long-lasting performance.

In summary, if you require a high-temperature resistant material that is capable of withstanding rapid temperature changes without cracking or spalling, then the Furnace Refractory Bricks made from zircon are an excellent choice. Their low thermal conductivity, high strength, excellent thermal shock resistance, and high refractoriness make them ideal for use in a variety of high-temperature applications.

### Features:

Product Name: Dense Zircon Refractory Bricks

Improved Product Quality: Yes

Product Category: Furnace Refractory Bricks

Flexural Strength:  $\geq 10$ MPa

True Density:  $\leq 2.33$  G/cm<sup>3</sup>

Model: As Required

Keywords: zircon fire brick, dense zircon brick, zircon bricks

### Technical Parameters:

Parameter	Description
Product Name	High Quality Assured Dense Zircon Bricks Furnace Refractory Bricks For Enhanced Performance in Glass Kilns
Product Category	Furnace Refractory Bricks
Material	Silica, Alumina, Magnesia, Zirconia, Etc.
Feature	High Temperature Resistance
Strength	High
Low thermal conductivity	They help to insulate furnaces and kilns, reducing heat loss.
High corrosion resistance	They are resistant to attack by molten glass and other corrosive chemicals.
High mechanical strength	They are strong and durable, even at high temperatures.
Improved Product Quality	Yes
Application	Furnace, Kiln, Incinerator, Etc.

### Applications:

Our Dense Zircon Refractory Bricks are designed to meet the requirements of various industries, including the metallurgical, ceramic, chemical, and cement industries. The zircon brick, dense zircon brick, and dense zircon refractory brick with low thermal conductivity are some of the products available. They are ideal for use in furnaces and kilns, reducing heat loss due to their low thermal conductivity, and protecting the kiln's walls from damage. They are also resistant to thermal shock, making them capable of withstanding rapid changes in temperature without cracking or spalling.

Our Dense Zircon Refractory Bricks Furnace Refractory Bricks are suitable for use in a wide range of occasions and scenarios, including:

Iron and steel industry: Our zircon bricks are ideal for use in blast furnaces, hot blast stoves, and other high-temperature areas in the iron and steel industry. They can withstand high temperatures and resist thermal shock, ensuring that the

furnace is protected from damage and lasts longer.

Ceramic industry: Our Furnace Refractory Bricks are suitable for use in ceramic kilns, protecting the kiln from damage due to high temperatures. The dense zircon bricks are ideal for use in ceramic fiber kilns, providing excellent insulation and reducing heat loss.

Chemical industry: Our Furnace Refractory Bricks are ideal for use in various high-temperature reactors, including fluidized bed reactors, gasifiers, and other high-temperature areas. The low thermal conductivity of our refractory bricks helps maintain the heat required for the reaction, while their thermal shock resistance ensures that the reactor is protected from damage.

Cement industry: Our zircon bricks are perfect for use in cement kilns, protecting the kiln walls from damage due to high temperatures. The dense zircon brick, with its excellent thermal shock resistance, can withstand rapid changes in temperature without cracking or spalling, ensuring that the kiln lasts longer.

Our Dense Zircon Refractory Bricks Furnace Refractory Bricks are available in various models, as required, with a true density of  $\leq 2.33 \text{ G/cm}^3$ . We offer high, medium, and low chemical composition to meet the requirements of various industries. They are an ideal choice for high-temperature industrial applications due to their excellent thermal shock resistance and low thermal conductivity.

## Support and Services:

Our Dense Zircon Refractory Bricks are built to withstand extreme temperatures and harsh environments in industrial settings. We offer technical support and services to ensure proper installation, maintenance, and repair of our products. Our team of experts can provide consultations, on-site assessments, and customized solutions to meet your specific needs. We also offer training programs to educate your staff on best practices for handling and using our products safely and efficiently. Contact us for more information on our technical support and services.

## Packing and Shipping:

Product Packaging:

The Dense Zircon Refractory Bricks furnace refractory bricks will be packaged in solid wooden crates or pallets to ensure safe transportation and storage. Each crate or pallet will be securely wrapped with plastic film and fitted with metal straps to prevent any damage during transit.

Shipping:

Our company offers both air and sea freight options for shipping the furnace refractory bricks. The shipping method will depend on the order quantity and destination location. We work with reliable and experienced shipping companies to ensure timely delivery and safe handling of the products.

## FAQ:

**Q1: What is the brand name of the Dense Zircon Refractory Bricks Furnace Refractory Bricks?**

A1: The brand name is Rongsheng Xinwei.

**Q2: What is the model number of the Furnace Refractory Bricks?**

A2: The model number is Rongsheng.

**Q3: What certifications do the Furnace Refractory Bricks have?**

A3: The Furnace Refractory Bricks have ISO9001 certification.

**Q4: Where are the Furnace Refractory Bricks manufactured?**

A4: The Furnace Refractory Bricks are manufactured in Zhengzhou, China.

**Q5: What is the minimum order quantity for the Furnace Refractory Bricks?**

A5: The minimum order quantity is 1 ton.

**Q6: What is the price range of the Furnace Refractory Bricks?**

A6: The price range is between 200-800USD.

**Q7: What are the payment terms for the Furnace Refractory Bricks?**

A7: The payment terms are TT and L/C.

**Q8: What is the supply ability per month for the Furnace Refractory Bricks?**

A8: The supply ability per month is 2000 tons.

**Q9: What is the delivery time for the Furnace Refractory Bricks?**

A9: The delivery time is 20-30 days.

**Q10: How are the Furnace Refractory Bricks packaged?**

A10: The Furnace Refractory Bricks are packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.



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